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FACSIMILE COVER SHEET

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FROM:	Rita M. Rooney
COMMENTS:	

SPECIAL INSTRUCTIONS:

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Applicant Initiated Interview Request Form

Application No.: 10/627,191 First Named Applicant: Gary M. Newman
 Examiner: Michael Pham Art Unit: 2167 Status of Application: Non-Final

Tentative Participants:

- (1) Examiner Michael Pham (2) Primary Examiner John Cunningham
 (3) Rita M. Rooney, Attorney for Applicant (4) _____

Proposed Date of Interview: _____ Proposed Time: _____ AM/PM

Type of Interview Requested:

- (1) ☒ Telephonic (2) ☐ Personal (3) ☐ Video Conference

Exhibit To Be Shown or Demonstrated:

☐ YES ☒ NO

If yes, provide brief description: _____

Issues To Be Discussed

Issues (Req., Obj., etc.)	Claims/ Fig. #s	Prior Art	Discussed	Agreed	Not Agreed
(1) Problem to be	Solved	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(2) Applicant's	Solution	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(3) Prior Art	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(4) Claim	Amendments	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☒ Continuation Sheet Attached

Brief Description of Argument to be Presented:

As per the attached proposed claim set, Applicant respectfully submits that the profile group managing server performs steps that are not shown in the prior art references such as primary and secondary grouping for computer profile data between and including ranges.

An interview was conducted on the above-identified application on _____.

NOTE: This form should be completed by applicant and submitted to the examiner in advance of the interview (see MPEP § 713.01).

This application will not be delayed from issue because of applicant's failure to submit a written record of this interview. Therefore, applicant is advised to file a statement of the substance of this interview (37 CFR 1.133(b)) as soon as possible.

Rita M. Rooney
Applicant's Representative Signature

Rita M. Rooney

Typed/Printed Name of Applicant or Representative

Reg No. 30,595

Registration Number, if applicable

Examiner/SPE Signature

This collection of references is required by 37 CFR 1.133. The information is required to enable the public which is to file (and by the USPTO is provided) an application. Confidentiality is governed by 37 CFR 1.132 and 37 CFR 1.131 and 1.134. This collection is submitted to take 25 minutes to prepare, including preparing, reviewing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1469, Alexandria, VA 22313-1469. DO NOT SEND THIS OR COMPLETED FORMS TO THE ADDRESS. SEND TO: Customer Service Center, P.O. Box 1469, Alexandria, VA 22313-1469.
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Interview Agenda
U.S. Patent Application Serial No. 10/627,191

Proposed Amendments to Independent Claims:

1. (Currently Amended) A method of managing a computer information database that
2 consists of:
3 group profile managing server for managing a computer information database comprising the
4 steps of:
5
6 A. determining, by said group profile managing server, a multiple node tree structure
7 of groups for the a set of computers, in which each node is a group level, and a top level is a
8 root, based on primary grouping criteria and secondary grouping criteria that correspond to
9 selected computer profile data for each computer, said computer profile data including one or
10 more of hardware and software configuration and performance data;
11 B. including, specifying in a group mapping table in the computer information
12 database, one or more fields for the primary grouping criteria and one or more fields for the
13 secondary grouping criteria, and including in those fields, in respective table records, values
14 corresponding to the selected computer profile data that are utilized in the primary grouping
15 criteria and the secondary grouping criteria with the values associated with either or both of
16 the primary grouping criteria and the secondary grouping criteria being ranges that extend
17 between selected high and low values, inclusive; and wherein certain specific values for said
18 primary grouping criteria and said secondary grouping criteria together uniquely identify one
19 or more particular computers;
20 C. further including, specifying, in the respective table records, information that
21 identifies the groups to which the computers that satisfy the primary and secondary criteria
22 are assigned;
23 D. receiving, at said group profile managing server, from each computer in the set of
24 computers, for inclusion in the database, computer profile data from a plurality of computers;
25 E. for the profile data received from a given computer, the profile group managing
26 server performs the following:

27 extracting the selected profile data that are utilized in the primary groupings
 28 and the secondary groupings.
 29 querying the group mapping table to determine if the extracted profile data
 30 correspond to or fall within the ranges of the respective values that are included in the
 31 primary grouping fields and the secondary grouping fields in any of the records in the table,
 32 and
 33 if the query results in no records, assigning the computer to a default group,
 34 if the query results in one table record, assigning the computer to the group,
 35 that is named in the record,
 36 if the query results in multiple records that include secondary low
 37 values, assigning the computer to the group that is named in the record that is in a first
 38 predetermined position in the order in which the records are returned, or
 39 if the query results in multiple records and there are no corresponding
 40 secondary low values in the records, assigning the computer to the group that is named in the
 41 record that is in a second predetermined position in the order in which the records are
 42 returned; and
 43 F. manipulating the computer profile data from the database and producing, for a
 44 selected group level, reports that contain summaries of certain or all of the attributes of the
 45 computers that are in the selected group level or below in the tree.

1 12. (Currently Amended) A method of operating a group profile managing server for
 2 managing a computer information database that contains computer profile data for a plurality
 3 of computers, including the steps of: comprising;
 4 providing a database that contains computer profile data for a plurality of computers;
 5 grouping, by said group profile managing server, the plurality of computers in groups
 6 that are nodes of a multiple node tree in the database in which each node is a group level, and
 7 a top level is a root, in accordance with user-specified primary grouping criteria and
 8 secondary grouping criteria that correspond to respective values of selected computer profile
 9 data and the selected values of one or both of the primary grouping criteria and the secondary
 10 grouping criteria are ranges between selected high and low values and wherein certain

11 specific values for said primary grouping criteria and said secondary grouping criteria

12 together uniquely identify one or more particular computers; and

13 selecting ranges for one or more of the grouping criteria;

14 manipulating the database computer profile data and producing, for one or more

15 selected group levels, profile reports that contain summaries of certain or all of the attributes

16 of the computers that are included in a given group level or below in the tree.

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22. (New) A system for managing computer profile data, comprising:

- 1 a group profile managing server configured to retrieve computer profile data;
- 2 a set of computers, each computer being configured with a client profile software
- 3 module that maintains profile data for that computer, and uploads computer profile data to
- 4 said group profile managing server; and
- 5 a computer information database configured with a mapping table having at least
- 6 three fields including a primary profile value to match field, a secondary profile value to
- 7 match field, and a group path field, wherein said group profile managing server determines
- 8 how to include a computer in a group by exchanging from uploaded profile data, the data
- 9 which corresponds to primary grouping criteria and secondary grouping criteria, said primary
- 10 and/or secondary grouping criteria including ranges of values.
- 11

The Office Action dated February 19, 2009, has been reviewed carefully and the application has been amended in a sincere effort to place it in condition for allowance. At Paragraph 5 of the Office Action, Claim 20 was rejected under 35 U.S.C. § 112, first paragraph, as failing to comply with the written description requirement. The Examiner contends the Claim 20 contains subject matter which was not described in the Specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention. More specifically, the Examiner indicates that Claim 20 recites a computer readable medium and computer storage media, however the Examiner contends that the specification does not define what the computer readable medium comprises or what applicant intends to claim as a computer storage media.

the passage expressly states that the system uses Boolean operators which would retrieve

individually items that satisfy the Boolean requirements. Specifically, McCormack states:

In this embodiment, the query preferably is a statement in the Structured Query Language (SQL) and the database is a database server that can receive, interpret and respond to SQL queries. Alternatively, any selection mechanism using a regular grammar can be used. Preferably, selection of multiple filter values causes the database query to be assembled using Boolean values to relate the filter values. In particular, when multiple filter values are selected from the same column of the filter dialog 210, they are related in the database query using a logical AND.

For example, if Device Type values 7300 and 7500 are both selected by a user from the filter dialog 210, the filter mechanism 126 interprets the user's selection as requesting information about all network devices that are 7300 and 7500 type devices. As a second example, when Device Type values 7300 and 7500 are selected, and IOS Versions 10.3 and 11.1 also are selected, the filter mechanism 126 interprets the selections as requesting information about devices that are type 7300 or 7500 and that run IOS software version 10.3 or 11.1.

McCormack, Col. 11, line 48 through Col. 12, line 16. (Emphasis added)

In summary, McCormack does not teach excluding computer profile data not does it teach a primary and secondary grouping that specify ranges and devices within such ranges. Applicant's ranges have an upper and a lower limit and include all values in between the upper and lower limit. In order to enhance the claim and to further clarify the distinctions which it has over the cited references, Applicant has amended Claims 1 and 20. Claim 1 recites: "the values associated with either or both of the primary grouping criteria and the secondary grouping criteria being ranges that extend between selected high and low values, inclusive....." Claim 20 recites: "the values associated with either or both of the primary grouping criteria and the secondary grouping criteria being ranges that extend between selected high and low values, wherever said associated values are those that are less than the high values and those that are greater than the low value...."

McCormack is silent on such ranges that include the values between the upper and lower limit. In fact McCormack teaches away from this feature of Applicant's claimed invention because of its teaching of a protected Boolean query.

Erickson is cited for a multiple node tree structure. However, Erickson also does not

discuss ranges. Therefore, in the absence of this teaching from either of the references taken alone or in combination, it is respectfully submitted that the combination does not disclose, teach or render obvious Applicant's claimed invention.